

WHAT IS CLAIMED IS :

1 1. An organic electroluminescent display, comprising:
2 anode electrodes of R, G and B unit pixels disposed on a substrate and separated from each
3 other;
4 organic thin-film layers of the R, G and B unit pixels disposed on the anode electrodes; and
5 a cathode electrode disposed over an entire surface of the substrate,
6 wherein an anode electrode of at least one unit pixel of the R, G and B unit pixels has a
7 thickness different from thicknesses of anode electrodes of other unit pixels of the R, G and B unit
8 pixels.

1 2. The organic electroluminescent display according to claim 1, wherein the anode
2 electrode of the R unit pixel is thicker than the anode electrodes of the other unit pixels.

1 3. The organic electroluminescent display according to claim 1, wherein the anode
2 electrode of each of the unit pixels includes a first film having a high reflectivity and a second film
3 for adjusting a work function, and wherein the second film of said at least one unit pixel of the R,
4 G and B unit pixels has a thickness different from thicknesses of the second films of the other unit
5 pixels of the R, G and B unit pixel.

1 4. The organic electroluminescent display according to claim 3, wherein the second film

of the R unit pixel is thicker than the second films of the other unit pixels.

5. The organic electroluminescent display according to claim 3, wherein a thickness of the second film of the R unit pixel is in a range of one of 250 to 450Å and 700 to 750Å, and thicknesses of the second films of the G and B unit pixels are in a range of 50 to 150Å.

6. The organic electroluminescent display according to claim 3, wherein a thickness of the second film of the R unit pixel is in a range of one of 250 to 450Å and 700 to 750Å, a thickness of the second film of the G unit pixel is in a range of 200 to 300Å, and a thickness of the second film of the B unit pixel is in a range of 50 to 150Å.

7. The organic electroluminescent display according to claim 3, wherein a thickness of the second film of the R unit pixel is substantially 375Å, a thickness of the second film of the G unit pixel is substantially 250Å, and a thickness of the second film of the B unit pixel is substantially 125Å, whereby maximum efficiency is obtained in the R, G and B unit pixels.

8. The organic electroluminescent display according to claim 3, wherein a thickness of the second film of the R unit pixel is substantially 750Å, a thickness of the second film of the G unit pixel is substantially 250Å, and a thickness of the second film of the B unit pixel is substantially 125Å, whereby maximum color reproduction is obtained in the R, G and B unit pixels.

1 9. The organic electroluminescent display according to claim 3, wherein the first film of
2 each of the unit pixels comprises one of Al, Ag and an alloy film thereof, and the second film
3 comprises one of ITO and IZO.

1 10. An organic electroluminescent display comprising:
2 a plurality of pixels, each including at least an anode electrode;
3 wherein anode electrodes of adjacent pixels have different thicknesses relative to each
4 other.

1 11. The organic electroluminescent display according to claim 10, wherein the anode
2 electrode of each of the pixels includes a first film having a high reflectivity and a second film for
3 adjusting a work function, and wherein the second films of the anode electrodes of adjacent pixels
4 have different thicknesses relative to each other.

1 12. A method for fabricating an organic electroluminescent display, comprising the steps
2 of:
3 disposing first anodes of R, G and B unit pixels on a substrate;
4 forming an anode electrode of the R unit pixel by disposing a second anode of the R unit
5 pixel on the first anode of the R unit pixel;
6 forming anode electrodes of the G and B unit pixels by disposing second anodes of the G

7 and B unit pixels on the first anodes of the G and B unit pixels, respectively;

8 disposing respective organic thin-film layers on the anode electrodes of the R, G and B unit
9 pixels; and

10 disposing a cathode electrode over an entire surface of the substrate,

11 wherein the second anode of at least one unit pixel of the R, G and B unit pixels has a
12 thickness different from thicknesses of the second anodes of other unit pixels of the R, G and B
13 unit pixels.

1 13. The method according to claim 12, wherein the second film of the R unit pixel is
2 thicker than the second films of the other unit pixels of the R, G and B unit pixels.

1 14. The method according to claim 12, wherein a thickness of the second film of the R
2 unit pixel is in a range of one of 250 to 450Å and 700 to 750Å, a thickness of the second film of
3 the G unit pixel is in a range of one of 50 to 150Å and 200 to 300Å, and a thickness of the second
4 film of the B unit pixel is in a range of 50 to 150Å.

1 15. A method for fabricating an organic electroluminescent display, comprising the steps
2 of:

3 disposing sequentially a first anode electrode material and a second anode electrode
4 material of R, G and B unit pixels on a substrate;

5 etching the first and second anode electrode materials to form anode electrodes of the R,

6 G and B unit pixels, each including a first anode and a second anode;
7 disposing respective organic thin-film layers on the anode electrodes of the R, G and B unit
8 pixels; and
9 disposing a cathode electrode over an entire surface of the substrate,
10 wherein a second anode of at least one unit pixel of the R, G and B unit pixels has a
11 thickness different from thicknesses of second anodes of the other unit pixels of the R, G and B
12 unit pixels.

1 16. The method according to claim 15, wherein the second film of the R unit pixel is
2 thicker than the second films of the other unit pixels.

1 17. The method according to claim 15, wherein a thickness of the second film of the R
2 unit pixel is in a range of one of 250 to 450Å and 700 to 750Å, a thickness of the second film of
3 the G unit pixel is in a range of one of 50 to 150Å and 200 to 300Å, and a thickness of the second
4 film of the B unit pixel is in a range of 50 to 150Å.

1 18. A method for fabricating an organic electroluminescent display, comprising the steps
2 of:
3 disposing first anodes of R, G and B unit pixels on a substrate;
4 disposing a second anode electrode material over an entire surface of the substrate;
5 etching the second anode electrode material to form respective second anodes on the first

anodes of the R, G and B unit pixels, thereby forming respective anode electrodes of the R, G and B unit pixels;

disposing organic thin-film layers on the respective anode electrodes of the R, G and B unit pixels; and

disposing a cathode electrode over an entire surface of the substrate;

wherein a second anode of at least one unit pixel of the R, G and B unit pixels has a thickness different from thicknesses of second anodes of the other unit pixels of the R, G and B unit pixels.

19. The method according to claim 18, wherein the second film of the R unit pixel is thicker than the second films of the other unit pixels.

20. The method according to claim 18, wherein a thickness of the second film of the R unit pixel is in a range of one of 250 to 450Å and 700 to 750Å, a thickness of the second film of the G unit pixel is in a range of one of 50 to 150Å and 200 to 300Å, and a thickness of the second film of the B unit pixel is in a range of 50 to 150Å.